UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Rev. 1450

P O Box 1450 Alexandria, Virgima 22313-1450

NOTICE OF ALLOWANCE AND FEE(S) DUE

33055 7590 04/14/2008
PATENT, COPYRIGHT & TRADEMARK LAW GROUP
PO BOX 506

EXAMINER
FERGUSON, MICHAEL P

ART UNIT PAPER NUMBER

3679

DATE MAILED: 04/14/2008

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | | |
|--------------------------------------|-------------|--------------------------|---------------------|------------------|--|--|
| 10/585,776 | 07/11/2006 | Vitaly Ivanovich Kozhuev | 1752 | 7849 | | |
| THE COLINITION, IONE FOR IT AT BARTS | | | | | | |

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | YES | \$720 | \$300 | \$0 | \$1020 | 07/14/2008 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

RICHFIELD, OH 44286

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FFE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

| INSTRUCTIONS: This appropriate. All further indicated unless correcte maintenance fee notificat | form should be used f correspondence includir d below or directed oth ions. | or tran ig the l ierwise | smitting the ISSU Patent, advance or in Block 1, by (a | TE FEE and PUBLE ders and notification specifying a new of | | | | | tould be completed where correspondence address as rate "FEE ADDRESS" for |
|--|---|--|---|--|--|--|--|--|--|
| CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) | | | | Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. | | | | | |
| 33055 7590 04142008 PATENT, COPYRIGHT & TRADEMARK LAW GROUP PO BOX 506 RICHTELD, OH 44286 | | | | GROUP | Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmital is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being fassimile transmitted to the USPIO (271) 273-2888, on the date indicated below | | | | |
| | | | | | | | | | (Depositor's name) |
| | | | | | | | | | (Signature) |
| | | | | | | | | | (Date) |
| APPLICATION NO. | FILING DATE | | | FIRST NAMED INVE | ST NAMED INVENTOR | | | RNEY DOCKET NO. | CONFIRMATION NO. |
| 10/585,776 | 07/11/2006 | | | Vitaly Ivanovich Ko | zhuev | | | 1752 | 7849 |
| TITLE OF INVENTION: | JOINT FOR FLAT PA | RTS | | · | | | | | |
| APPLN. TYPE | SMALL ENTITY | IS | SUE FEE DUE | PUBLICATION FEE: | DUE | PREV. PAID ISSUE | FEE | TOTAL FEE(S) DUE | DATE DUE |
| nonprovisional | YES | | \$720 | \$300 | | \$0 | | \$1020 | 07/14/2008 |
| EXAM | INER | | ART UNIT | CLASS-SUBCLAS | S | | | | |
| FERGUSON, | MICHAEL P | | 3679 | 403-364000 | | JI . | | | |
| "Fee Address" indi PTO/SB/47; Rev 03-0; Number is required. 3. ASSIGNEE NAME AT | ondence address (or Cha 1/122) attached. cation (or "Fee Address 2 or more recent) attach ND RESIDENCE DAT/ ess an assignee is ident in 37 CFR 3.11. Comp | nge of ' 'Indica ed. Use | Correspondence ation form e of a Customer E PRINTED ON | (I) the names of or agents OR, alte (2) the name of a registered attorne 2 registered paten listed, no name w THE PATENT (print | up to ernative single y or a st attori ill be or type the pan g an | e firm (having as a gent) and the nam meys or agents. If printed. e) atent. If an assign assignment. and STATE OR C | membes of uno name | er a 2 | ocument has been filed for |
| Please check the appropri | ate assignee category or | catego | ries (will not be pr | inted on the patent): | | Individual Co | orporati | on or other private gro | up entity Government |
| 4a. The following fee(s) are submitted: Issue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies | | | ed) | A check is enclo | sed. lit can iereby | d. Form PTO-2038 | is atta | equired fee(s), any det | |
| | SMALL ENTITY state | s. See | 37 CFR 1.27. | | | | | TITY status. Sec 37 CF | |
| NOTE: The Issue Fee and interest as shown by the r | I Publication Fee (if req ecords of the United Sta | iired) v tes Pate | vill not be accepted ent and Trademark | from anyone other i Office. | than t | he applicant; a regi | stered : | ittorney or agent; or th | e assignee or other party in |
| Authorized Signature | | | | | Date | | | | |
| Typed or printed name | | | | | | Registration N | | | |
| This collection of informa an application. Confident submitting the completed this form and/or suggestic Box 1450, Alexandria, V Alexandria, Virginia 223 | ation is required by 37 C iality is governed by 35 application form to the ons for reducing this but irginia 22313-1450. DC 13-1450. | FR 1.3 U.S.C. USPT den, st NOT | 11. The informatic 122 and 37 CFR O. Time will vary hould be sent to the SEND FEES OR | on is required to obtai 1.14. This collection depending upon the e Chief Information C COMPLETED FORM | in or r is est indiv Office AS TO | etain a benefit by t imated to take 12 i idual case. Any co r, U.S. Patent and D'THIS ADDRESS | he publ minutes mment Traden i. SENI | ic which is to file (and to complete, includin s on the amount of tir ark Office, U.S. Depa D TO: Commissioner I | by the USPTO to process) g gathering, preparing, and ne you require to complete atment of Commerce, P.O. for Patents, P.O. Box 1450, |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

P O Box 1450 Alexandria, Virgima 22313-1450 www.uspto.gov

DATE MAILED: 04/14/2008

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|----------------|--------------------------|---------------------|------------------|
| 10/585,776 | 07/11/2006 | Vitaly Ivanovich Kozhuev | 1752 | 7849 |
| 33055 7 | 590 04/14/2008 | | EXAM | IINER |
| PATENT, COPY | RIGHT & TRADEN | FERGUSON, MICHAEL P | | |
| PO BOX 506 | | ART UNIT | PAPER NUMBER | |
| RICHFIELD, OH | 44286 | 3679 | | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 106 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 106 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability

| Application No. | Applicant(s) |
|----------------------|---------------------------|
| 10/585,776 | KOZHUEV, VITALY IVANOVICH |
| Examiner | Art Unit |
| MICHAEL D. EEDGLISON | 2670 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address-All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included
herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS
NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative
of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. This communication is responsive to 26 March 2008 amendment, 08 April 2008 interview.
- The allowed claim(s) is/are 1,2,4,7 and 9-11.
- 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - - 1. T Certified copies of the priority documents have been received.
 - Certified copies of the priority documents have been received in Application No. _____
 - Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDOMMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

- 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
- 5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) Thereto or 2) to Paper No./Mail Date
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1. Notice of References Cited (PTO-892)
- 2. Notice of Draftperson's Patent Drawing Review (PTO-948)
- Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date
- Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5.
 Notice of Informal Patent Application
- Interview Summary (PTO-413), Paper No./Mail Date 20080407.
- 7. X Examiner's Amendment/Comment
- Examiner's Statement of Reasons for Allowance
- 9. ☐ Other .